

## The Knowledge Bank at The Ohio State University

### Ohio State Engineer

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 HOW HERCULES EXPLOSIVES ADVANCE CIVILIZATION
 

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# EXPLOSIVES

## Bring the oil fields to you

**W**HEN you drive up to a nearby filling station for a supply of gasoline, you are utilizing the mighty force of explosives in our civilization. For, in locating structures, "shooting in" wells, and laying distributing lines, explosives help to bring the oil fields to you.

Yesterday, "oil was where you found it." Today, seismic methods of geophysical prospecting enable the modern geologist to locate favorable structures with reasonable accuracy. How? Explosives initiate earth vibrations which, when recorded, enable the geologist to chart structures.

Thus explosives, long used to "bring in" oil wells and to aid in pipe line construction, are finding another important application in the petroleum industry—another indication that explosives are helping us to enjoy a richer, fuller civilization. In these achievements, Hercules explosives are playing an important part.

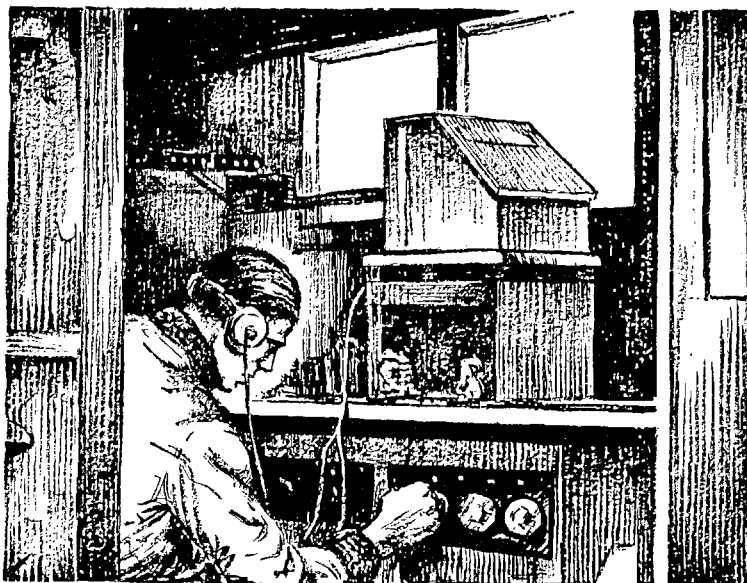
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Above: Blasting to determine a possible oil structure by geophysical prospecting (from an actual photograph).

Left: Delicate instruments record the earth vibrations initiated by explosives.



As an engineer, you should know more about explosives. Write for a sample copy of *The Explosives Engineer*, a monthly magazine which records the growing use of explosives in modern civilization.



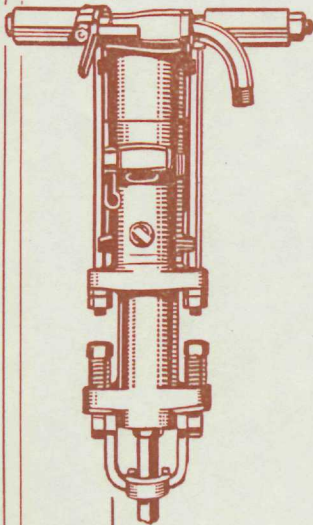
HI-6



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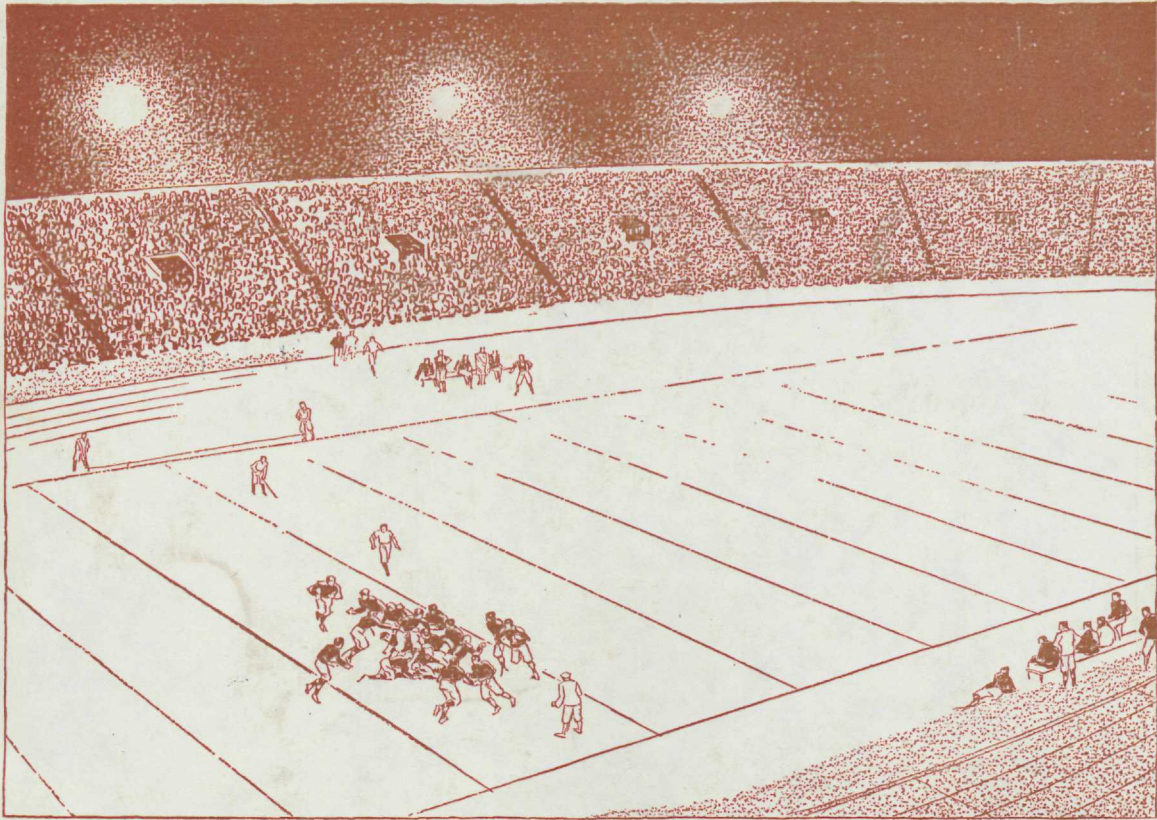
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